



#3

&lt;110&gt;

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Mallinckrodt Inc.

&lt;120&gt;

Tumor Targeted Photodiagnostic-Phototherapeutic Agents

&lt;130&gt;

MRD-72

&lt;140&gt;

US/09/981,271

&lt;141&gt;

2001-10-17

&lt;160&gt;

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&lt;170&gt;

PatentIn Version 3.1

&lt;210&gt;

1

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PRT

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Artificial Sequence

&lt;220&gt;

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MOD\_RES

&lt;222&gt;

(1)...(8)

&lt;223&gt;

Xaa at location 1 represents D-Phe. Artificial sequence is completely synthesized.

&lt;223&gt;

Xaa at locations 2 and 7 represents Cys with an intramolecular disulfide bond between two Cys amino acids. Artificial sequence is completely synthesized.

&lt;223&gt;

Xaa at location 4 represents D-Trp. Artificial sequence is completely synthesized.

&lt;400&gt;

1

Xaa Xaa Tyr Xaa Lys Thr Xaa Thr

1

5

&lt;210&gt;

2

&lt;211&gt;

8

&lt;212&gt;

PRT

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Artificial Sequence

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MOD\_RES

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(1)...(8)

&lt;223&gt;

Xaa at location 1 represents D-Phe. Artificial sequence is completely synthesized.

&lt;223&gt;

Xaa at locations 2 and 7 represents Cys with an intramolecular disulfide bond between two Cys amino acids. Artificial sequence is completely synthesized.

&lt;223&gt;

Xaa at location 4 represents D-Trp. Artificial sequence is completely synthesized.

&lt;223&gt;

Xaa at location 8 represents Thr-OH. Artificial sequence is completely synthesized.

&lt;400&gt;

2

Xaa Xaa Tyr Xaa Lys Thr Xaa Xaa

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 <223> Xaa at locations 3 and 6 represents Norleucine. Artificial  
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<223> Xaa at location 1 represents D-Asp. Artificial sequence is completely synthesized.  
<223> Xaa at locations 3 and 6 represents Norleucine. Artificial sequence is completely synthesized.

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<223> Xaa at location 1 represents D-Lys. Artificial sequence is completely synthesized.

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Xaa Pro Arg Arg Pro Tyr Ile Leu  
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